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UM offers summer math and science courses

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Recommended Citation

University of Montana–Missoula. Office of University Relations, "UM offers summer math and science courses" (1979). *University of Montana News Releases, 1928, 1956-present*. 30245.
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IMMEDIATELY

UM OFFERS SUMMER MATH
AND SCIENCE COURSES

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state

MISSOULA--

The College of Arts and Sciences at the University of Montana will offer a variety of summer programs for those interested in mathematics and science. These courses, to be taught by UM faculty members, are:

Mathematics

"Thinking Metric," 2 graduate or undergraduate credits, June 11 to 15, taught by Dr. Rick Billstein, associate professor of mathematics. The course will focus on the metric units of length, area, volume, mass and temperature.

"Mathematics for Elementary School Teachers," 4 undergraduate credits, June 18 to July 13, taught by Dr. Johnny Lott, associate professor of mathematics. This course is third in a sequence for elementary teachers and emphasizes geometry and an introduction to the metric system.

"Intermediate Algebra," 5 undergraduate credits, June 18 to July 13, taught by Dr. Robert Stevens, associate professor of mathematics. This course is the equivalent of second-year high school algebra and is the prerequisite for nearly all freshman mathematics courses.

"Problem-Solving for Secondary School Teachers," 1 undergraduate or graduate credit, June 18 to July 13, taught by Dr. Shlomo Libeskind, associate professor of mathematics. This course is a seminar on problem-solving techniques for high school teachers.

"Mathematics for Social Sciences and Mathematics for Biological Sciences" will also be taught. All courses will be taught for undergraduate credit. Math 104 will be taught June 18 to July 13 for 3 credits. Math 105 will be taught July 16 to

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August 10 for 3 credits. Math 107 will be taught July 16 to August 10 for 5 credits.

Computer Science

"FORTRAN Programming," 3 undergraduate credits, July 16 to August 10, taught by Dr. Roy Touzeau, instructor in computer science. Students enrolled in the course will learn computer programming using the programming language, FORTRAN.

"Computer Applications in Action," three graduate or undergraduate credits, June 18 to July 13, taught by Spencer Manlove, professor of computer science. Practical applications of computers in education will be discussed.

Physics and Astronomy

"Energy," 1 graduate or undergraduate credit, June 18 to July 13, taught by Dr. Mark Jakobson, professor of physics and astronomy. The course will deal with the nation's energy consumption but will emphasize recent developments in ocean thermal, geo-thermal, solar, wind, MHD, fission and fusion energy.

Summer courses within the College of Arts and Sciences will also be taught in anthropology, social work, philosophy, religious studies, military science, economics, chemistry, home economics, English, and humanities.

Bulletins and applications may be obtained from the UM Center for Continuing Education and Summer Programs, Main Hall 107, (243-2900).

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